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Page 2

--Abstract of the Invention

C₁ Methods for the generation of new compounds are disclosed. The present invention eliminates the need to know in advance the structure or chemical composition of a compound having a desired property. The disclosure of the present invention provides that diversity of unknown compounds may be produced by "random" chemistry, and such a diversity of unknown compounds may be screened for one or more desired properties to detect the presence of suitable compounds. In one aspect, a starting group of organic compounds is caused to undergo a series of chemical reactions to create a diversity of new organic compounds that are screened for the presence of organic compounds having the desired property. In another aspect of the present invention, a diversity of compounds is generated from a group of substrates which are subjected to a group of enzymes representing a diversity of catalytic activities.--

On page 1, please delete lines 3-6, and insert therefor the following:

--Cross-Reference to Related Applications

C₂ This application is a continuation of U.S. Application No. 08/537,736, filed January 29, 1996, now abandoned, which is the national filing of PCT Application No. PCT/US94/04314, filed April 19, 1994, which is a continuation-in-part of U.S. Application No. 08/049,268, filed April 19, 1993, now abandoned, the entire disclosure of which is hereby incorporated by reference.--
